

## UNITED STATES PATENT AND TRADEMARK OFFICE

CNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usplo.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION N	
10/008,478	12/10/2001	Michael Z. Yuan	A8237	5630	
7590 02/18/2005			EXAM	EXAMINER	
SUGHRUE MION, PLLC 2100 Pennsylvania Avenue, NW			LAMB, BRENDA A		
Washington, Do			ART UNIT PAPER NUMBE		
			1734		

DATE MAILED: 02/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

period for reply (including a total extension of time of month(s)) which expired on  (b) \[ \text{A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c) \[ \text{A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) \[ \text{No reply has been received.}  2. \[ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85).  (a) \[ \text{The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date		Application No. Applicant(s)							
Examiner Brenda A Lamb  1734	Nation of Abandanment	10/008,478	YUAN, MICHAE	L Z.					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address—  This application is abandoned in view of:  1. ☑ Applicant's failure to timely file a proper reply to the Office letter mailed on 10 August 2004.  (a) ☐ A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of month(s)) which expired on (b) ☐ A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the nonfinal rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) ☑ No reply has been received.  2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85).  (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).  (b) ☐ The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ The issue fee and publication fee, if applicable, has not been received.  3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) ☐ Proposed corrected drawings were receive	Notice of Abandonment								
The MAILING DATE of this communication appears on the cover sheet with the correspondence address—  This application is abandoned in view of:  1. ☑ Applicant's failure to timely file a proper reply to the Office letter mailed on 10 August 2004.  (a) ☐ A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of month(s)) which expired on (b) ☐ A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the nonfinal rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) ☑ No reply has been received.  2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85).  (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).  (b) ☐ The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ The issue fee and publication fee, if applicable, has not been received.  3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) ☐ Proposed corrected drawings were receive	·	Brenda A I amb	1734						
<ol> <li>Applicant's failure to timely file a proper reply to the Office letter mailed on 10 August 2004.</li> <li>(a)</li></ol>									
<ul> <li>(a) ☐ A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of month(s)) which expired on</li> <li>(b) ☐ A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection (A proper reply under 37 CFR 1.113 to a final rejection consists only of. (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).</li> <li>(c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the nonfinal rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).</li> <li>(d) ☒ No reply has been received.</li> <li>2. ☐ Applicant's faiture to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85).</li> <li>(a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).</li> <li>(b) ☐ The issue fee and publication fee, if applicable, has not been received.</li> <li>3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).</li> <li>(a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.</li> <li>(b) ☐ No corrected drawings have been received.</li> </ul>									
<ul> <li>(A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).</li> <li>(c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).</li> <li>(d) ☒ No reply has been received.</li> <li>2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85).</li> <li>(a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).</li> <li>(b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due.         The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$</li> <li>(c) ☐ The issue fee and publication fee, if applicable, has not been received.</li> <li>3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).</li> <li>(a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.</li> <li>(b) ☐ No corrected drawings have been received.</li> </ul>	Applicant's failure to timely file a proper reply to the Office letter mailed on 10 August 2004.      (a) ☐ A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the								
application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) ☒ No reply has been received.  2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85).  (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).  (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due.  The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$  (c) ☐ The issue fee and publication fee, if applicable, has not been received.  3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) ☐ No corrected drawings have been received.	(b) A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection.								
<ul> <li>final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).</li> <li>(d) ☒ No reply has been received.</li> <li>2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85).</li> <li>(a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).</li> <li>(b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due.</li></ul>	(A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for								
<ul> <li>2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85).</li> <li>(a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).</li> <li>(b) The submitted fee of \$ is insufficient. A balance of \$ is due.  The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$</li> <li>(c) The issue fee and publication fee, if applicable, has not been received.</li> <li>3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).</li> <li>(a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.</li> <li>(b) No corrected drawings have been received.</li> </ul>									
from the mailing date of the Notice of Allowance (PTOL-85).  (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).  (b) The submitted fee of \$ is insufficient. A balance of \$ is due.  The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$  (c) The issue fee and publication fee, if applicable, has not been received.  3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) No corrected drawings have been received.									
The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$  (c) \[ \] The issue fee and publication fee, if applicable, has not been received.  3. \[ \] Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) \[ \] Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) \[ \] No corrected drawings have been received.	(a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).								
<ul> <li>(c)  The issue fee and publication fee, if applicable, has not been received.</li> <li>3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).</li> <li>(a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.</li> <li>(b) No corrected drawings have been received.</li> </ul>	(b) ☐ The submitted fee of \$ is insufficient. A balanc	e of \$ is due.							
<ul> <li>3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).</li> <li>(a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.</li> <li>(b) No corrected drawings have been received.</li> </ul>	The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$								
Allowability (PTO-37).  (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) No corrected drawings have been received.	(c) ☐ The issue fee and publication fee, if applicable, has not been received.								
after the expiration of the period for reply.  (b) □ No corrected drawings have been received.									
	(a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.								
4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of	(b) ☐ No corrected drawings have been received.								
the applicants.									
5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.									
6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court revie of the decision has expired and there are no allowed claims.	6. The decision by the Board of Patent Appeals and Interfer of the decision has expired and there are no allowed clai	rence rendered on and becaus ms.	e the period for see	king court review					
7. The reason(s) below:	7. The reason(s) below:								
Note Attorney Wikberg on 2/16/2005 indicated that applicant had not responded to the office action mailed 8/10/2004  BRENDA A. LAMB PRIMARY EXAMINET:									
Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.  U.S. Patent and Trademark Office  PTOL-1432 (Rev. 04-01)  Notice of Abandonment  Part of Paper No. 20050216	minimize any negative effects on patent term.  U.S. Patent and Trademark Office								